





FIG.3

3/3

0	8	16	24	32
Opcode (16) MSB	LSB	Sequence no. (16) MSB	LSB	
MAC addr (48) MSB		*		
	LSB	Result (16) MSB	LSB	
IP address (32) MSB			LSB	
Subnet mask (32) MSB			LSB	
Default Gateway (32) MSB			LSB	
Lease (32) MSB Name	Length = 48 bytes		LSB	

FIG.4

Field	Size(bytes)	Description
Op-code	2	1 = I_AM_HERE (sent by device, includes current units
		paramters)
		2 = YOU_ARE (sent by proxy, includes parameters to use)
		3 = ARE_YOU_THERE (sent by proxy, parameters ignored)
Sequence	2	Sequence Number. Will be set to a new value for each
Number		request, used to match requests with responses.
Mac Address	6	Unit hardware address
		or broadcast address for an initial ARE_YOU request frame
Result	2	0 = No error
IP Address	4	Unit configured IP address (0.0.0.0 if unconfigured)
Subnet Mask	4	Unit configured Subnet mask (0.0.0.0 if unconfigured)
Gateway	4	Unit configured default gateway (0.0.0.0 if unconfigured)
Lease	4	The length of time in seconds for device to use these IP
		address parameters. This is used by proxy to indiciate that
		the address is obtained via DHCP and has a finite lease
		time. 0xFFFFFFFF represents a non-expiring address.
Name	48	ASCII string with the description of the unit (e.g. 3Com
		OfficeConnect Dual Speed Switch 16). Padded with 0's,
		unless maximum length.

FIG.5